

## **FIRE PROTECTION SYSTEM**

**ABSTRACT:** A hollow vertical pipe connected to any pressurized water source at the lower portion of the side walls extending upward to a point at the roof level where the hollow vertical pipe transitions to a horizontal hollow pipe that connects in series to a plurality of Fire Protection Systems with each having a water manifold with a sprinkler head which effects the release of the pressurized water, a plurality of rotator discs attaching the water manifold to the inside and outside stand assemblies:

Each water manifold having a plurality of discs attached securely near each end of the water manifold positioned about the center of the axis of the water manifold with the planer surface of the discs at a right angle to the axis of the water manifold pipe, at about the center of the axis of the water manifold pipe a hollow tee connection affixed at a right angle to the axis of the water manifold, providing a means to attach a sprinkler head to the water manifold for the release of the pressurized water, at one end of the water manifold pipe a connection is provided to attach the incoming pressurized water, at the opposite end of the water manifold pipe a connection is provided for the transfer of the pressurized water to the next Fire Protection System, the last in the series of Fire Protection Systems will have a blocking device at the outlet of the water manifold to terminate the flow of pressurized water, the water manifold rotator disc planer surface is mated to the rotator disc planer surface of the inside and outside stand assembly vertical member rotator discs aligning the center axis of all rotator discs with attaching hardware, all rotator discs have slots in a semi-circular pattern on the planer surface effecting a connection point for the hardware to penetrate through the rotator discs allowing the water manifold to be rotated about its axis, separate from the axis of the rotator discs of the inside and outside stand assemblies and allowing the inside and outside stand assemblies to be positioned in any desired position and allowing the water manifold to be also rotated about its axis to any desirable position.